



009931.7

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
Hitoshi YOSHINO, et al.	:	Examiner: Unassigned
)	
Appln. No.: 10/658,525	:	Group Art Unit: Unassigned
)	
Filed: September 10, 2003	:	
)	
For: RECORDING MEDIUM, INK-JET	:	September 24, 2003
RECORDING METHOD USING	:	
THE SAME, AND DISPERSION	:	
OF ALUMINA HYDRATE	:	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Each of the documents was cited in Application No. 09/006,478 (the "'478 Application"), the parent application of this divisional application. Copies of European Search Reports, dated December 14, 1995, January 11, 1996 and May 14, 1998 citing some of the listed documents were also submitted in the '478 Application.

The concise explanation of relevance for the non-English documents may be found in the specification at pages 2-6, 14-16, 19-20, 22, 16-A, 27, 37, 39 and 73 and in the Information Disclosure Statement filed in Application No. 08/231,659, a predecessor of the present application. Also, Applicants obtained English language computer database Abstracts, where readily available, for the non-English documents and attached them to the respective copies previously submitted.

It is believed that copies of the documents should be available to the Examiner under 37 C.F.R. § 1.98(d). Additional copies of the previously-submitted cited documents, English language abstracts and European Search Reports will be supplied to the Examiner upon request.

FORMAL MATTERS

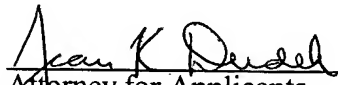
It is believed that no fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first Official Action on the merits.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,


Attorney for Applicants
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FORM PTO 1449 (modified)
SEP 2 4 2003
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)
Date Submitted to PTO: **September 24, 2003**

ATTY DOCKET NO.
03500.009931.7

APPLICATION NO.
10/658,525

APPLICANT
Hitoshi YOSHINO, t al.

FILING DATE
September 10, 2003

GROUP
Unassigned

U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,104,730	04/14/1992	Misuda, et al.	428	304.4	
	4,879,166	11/07/1989	Misuda, et al.	428	212	
	4,780,356	10/25/1988	Otsuma, et al.	428	212	
	4,683,002	07/28/1987	Miura, et al.	106	20	
	4,543,341	09/24/1985	Barringer, et al.	501	1	
	4,360,449	11/23/1982	Oberlander, et al.	252	313 R	
	4,244,835	01/13/1981	Block	252	313 R	
	4,242,271	12/30/1980	Weber, et al.	260	448 AD	
	4,211,667	07/08/1980	Yamada, et al.	252	313 R	
	4,202,870	05/13/1980	Weber, et al.	423	630	

FOREIGN PATENT DOCUMENTS						
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	5-32037	02/09/1993	Japan			
	5-16517	01/26/1993	Japan			
	5-16015	01/26/1993	Japan			
	4-267180	09/22/1992	Japan			
	4-67986	03/03/1992	Japan			
	4-67985	03/03/1992	Japan			
	500021	02/17/1992	Europe			
	4-37576	02/07/1992	Japan			
	4-4181	01/08/1992	Japan			
	3-285814	12/17/1991	Japan			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

with next communication to applicant.

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			ATTY DOCKET NO. 03500.009931.7		APPLICATION NO. 10/658,525	
Date Submitted to PTO: September 24, 2003			APPLICANT Hitoshi YOSHINO, et al.			
			FILING DATE September 10, 2003		GROUP Unassigned	
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,186,178	01/29/1980	Oberlander	423	265	
	4,117,105	09/26/1978	Hertzenberg, et al.	423	625	
	4,055,509	10/25/1977	Weimer	252	363.5	
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	3-281384	12/12/1991	Japan			
	3-275378	12/06/1991	Japan			
	3-72460	11/18/1991	Japan			
	3-143678	06/19/1991	Japan			
	2-276671	11/13/1990	Japan			
	2-276670	11/13/1990	Japan			
	407720	05/30/1990	Europe			
	62-270378	11/24/1987	Japan			
	60-245588	12/05/1985	Japan			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)						
	Barrett, et al., "The Determination of Pore Volume and Area Distributions in Porous Substances. I. Computations from Nitrogen Isotherms", The Journal of the American Chemical Society, Vol. 73, pp. 373-380 (1951).					
	Brunauer, et al., "Adsorption of Gases in Multimolecular Layers", The Journal of the American Chemical Society, Vol. 60, pp. 309-319 (1938).					
	Kobayashi, "Surface", Vol. 15, No. 5, pp. 282-295 (1977).					
	McBain, "An Explanation of Hysteresis in the Hydration and Dehydration of Gels", The Journal of the American Chemical Society, Vol. 57, pp. 699-700 (1935).					
	Rocek, et al., "Effect of Precipitation and Aging on Porous Structure of Aluminum Hydroxide. I. Statistical Treatment of Experimental Data", Collect. Czech. Chem. Commun., Vol. 56, pp. 1253-1262 (1991).					
	Rocek, et al., "Porous structure of aluminum hydroxide and its content of pseudoboehmite", Applied Catalysis, Vol. 74, pp. 29-36 (1991).					
EXAMINER			DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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 SEP 24 2003
 PATENT & TRADEMARK OFFICE

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U.S. DEPARTMENT OF COMMERCE
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U.S. PATENT DOCUMENTS

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	3,394,990	07/30/1968	Weingartner, et al.	23	143	
	3,385,663	05/28/1968	Hughes	23	143	
	2,590,833	04/01/1952	Bachtold, et al.	252	313	
	4,676,928	06/1987	Leach et al.	423	625	
	3,975,509	08/1976	Royer et al.	423	626	
	5,178,849	01/1993	Bauer	423	625	
	4,584,108	04/1986	Block	423	629	
	4,666,614	05/1987	Block	423	629	

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	58-110287	06/30/1983	Japan			
	55-146786	11/15/1980	Japan			
	55-51583	04/15/1980	Japan			
	55-11829	01/28/1980	Japan			
	55-5830	01/17/1980	Japan			
	54-59936	05/15/1979	Japan			
	53-49113	05/04/1978	Japan			
	52-53012	04/28/1977	Japan			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	Yang, et al., Reaction Kinetics and Catalysis Letters, Vol. 46, No. 1, pp. 179-186 (1992)
	English Translation of Japan s Patent Laid-Open No. 60-245588
	English Translation of Japanes Patent Laid-Open No. 4-4181
	English Translation of Japanes Patent Laid-Open No. 4-267180

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